

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/000935

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H04L12/18

According to International Patent Classification (IPC) or to both national classification and BPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: H04L12/18 H04L12/26 H04B7/212 G06F15/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNPAT

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI-. EPODOC-. PAJ:multicast packet address+ pay load buffer+ descriptor+ entry header engine

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,B1,6724761 (TRW INC, NORTHROP GRUMMAN CORP) 20.A pr.2004(20.04.2004) See Whole document	1-40
A	KR ,A,2002054228 (ELECTRONICS & TELECOM RES INST) 06Jul.2002(06.07.2002) See Whole document	1-40
A	US,A,2003093557 ((COGE) ALCATEL) 15.May.2003 (15.05.2003) Whole document See	1-40

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16.Apr.2005 (16.04.2005)

Date of mailing of the international search report

11 · MAY 2005 (11 · 05 · 2005)

Name and mailing address of the ISA/CN

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INTERNATIONAL SEARCH REPORT **Information on patent family members**

International application No.

PCT/CN2004/000935

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
US 6724761 B1	20. 04 2004	US 6724761 B1	20.04.2004
		CA 2317165 A	29.03.2001
		EP 1089461 A	04.04.2001
		JP2001156810A	08.06.2001
KR2002054228A	06.07.2002	KR2002054228A	06.07.2002
US2003093557A	15.05.2003	US2003093557A	15.05.2003
		EP 1309135 A	07.05.2003